

ABSTRACT

A method of restarting a TSA apparatus includes, in the case where the TSA apparatus was stopped when or after when a temperature of a purge gas which flows out

5 from a first adsorption column (5a) during a regeneration process became a peak temperature, in the first adsorption column (5a), closing an entrance valve, an exit valve, and an atmosphere-releasing valve; in a second adsorption column (5b) during an adsorption process, closing an entrance valve and an exit valve and opening an atmosphere-releasing valve so as to release a gas in the opposite direction to feed air

10 flow, followed by closing the atmosphere-releasing valve; pressurizing, just before a restart, the second adsorption column (5b) with feed air to a pressure necessary for the adsorption process; and performing, after the restart, the regeneration process and the adsorption process continuously from the time point of stopping the TSA apparatus.